



PATENT

Practitioner's Docket No. MAT-3770IJS3

ASSENT BY ASSIGNEE FOR FILING OF REISSUE APPLICATION (DIVISIONAL)

This is part of the application for a reissue patent filed herewith based on the original patent identified as follows:

Name of Patentee: Matsushita Electric Industrial Co., Ltd.

Patent Number: 5,790,172
Date Patent Issued: 08/04/1998

Title of Invention: SERVER APPARATUS, SUBSCRIBER APPARATUS AND INFORMATION ON

DEMAND SYSTEM

I am an assignce owning an undivided interest to the above original patent.

I assent to the accompanying application for reissue.

Attached is a "Certificate under 37 C.F.R. section 3.73(b)"

Matsushita Electric Industrial Co , Ltd

Signature of person signing for assigned

Date: October 18, 2000

Dr. Osamu Yamazaki Director 14

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Approved In Patent and Trademark Offi

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REISSUE APPLICATION BY THE INV	/ENTOR.
OLP EOFFER TO SURRENDER PATE	NT MAT-3720US3
OCT 2 3 2000  The inglewood the application for a reissue patent ba	sed on the original patent identified below.
Name of Patentee(s)  Ryoichi Imanaka	
Patent Number 5,790,172	Oate Patent Issued August 4, 1998
Title of Invention SERVER APPARATUS, SUBSCRIBER APP	PARATUS AND INFORMATION ON DEMAND SYSTEM
I am the inventor of the original patent.	
l offer to surrender the original patent.	
1. X Filed herein is a cortificate under 37 CFF	3.73(b).
2. Ownership of the patent is in the inventor been made.	(s), and no essignment of the patent has
One of boxes 1 or 2 above must be checked.	
The written consent of all assignees owning an und this application for reissue.	ivided interest in the original patent is included in
Signature Proiobi Ismunabe	Date October 18, 2000
Typed or printed name	,
Ryuichi Imanaka	
The assignee owning an undivided interest in said or and the assignee consents to the accompanying app	
I hereby declare that all statements made herein of a statements made on information and belief are belief were made with the knowledge that willful false state fine or imprisonment, or both, under 18 U.S.C. 1001 jeopardize the validity of the application, any patent declaration is directed.	ved to be true; and further that these statements ments and the like so made are punishable by and that such willful felse statements may
Name of assignee	
Matsushita Electric Industrial Co., Ltd. Signature of person signing for assignee	Date
	October 18, 2000

Director Dr. Osamı Yamazakı Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and I rademark Office, Washington, UC 20231. UO NOT SEND FEES OR COMPLETED FORMS TO THIS AUDRESS. SEND TO: Assistant Commissioner for Patents, Washington, UC 20231.

Typed or printed name and title of person signing for assignee

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Approved for 25 Augh 9/30/00. OM8 0551-0033
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Uniter the Paperwork Reduction Act of 1995, no parsons are required to respond to a callection of information unless it displays a valid OM8 control number.

DIVISIONAL -	Tocket Milling (Obtolial)		
REISSUF APPLICATION DECLARATION BY THE INVENTOR	MAT-3720US3		
	1444 1 507 644,007		
As a below named inventor, I hereby declare that:			
My residence, post office address and citizenship are stated below next	t to my name.		
I believe I am the original, first and sole inventor (if only one name is its	ten helow) or an original. Tirst		
and joint inventor (if plural names are listed below) of the subject matter	ewhich is described and claimed		
and joint inventor (ii piurai names are listed below) of the subject matter	1998, and for which a		
reissue patent is sought on the invention entitled SERVER APPARATUS. SU	BSCRIBER AFFAICTIOS AND		
Information on Demand System			
the specification of which			
is attached hereto.			
	ba. 00 / 631 542		
was filed on August 3, 2000 as reissue application n	Tumber 03 / 031/042		
and was amended on August 3, 2000 .			
(Ifapplicable)			
I liave reviewed and understand the contents of the above identified sp	ecification, including the claims,		
as amended by any amendment referred to above.			
I acknowledge the duty to disclose information which is material to pate	entability as defined in		
37 CFR 1.58.	•		
	nvalid, for the reasons described		
I verily believe the original patent to he wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)			
Delow. (Check all boxes that apply.)			
hy reason of a defective specification or drawing.			
by reason of the patentee claiming more or less than he had the	right to claim in the patent.		
The second of the comme			
by reason of other errors.			
At least one error upon which reissue is based is described as follows:			
During the prosecution of the application that issued as the above	patent, I aid not recognize that		
the features disclosed at column 2, lines 53-63 and column 7, lines	20-35 were appropriate to claim.		
As such, I did not claim all that I had a right to claim. This error v	was made without deceptive		
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intent.			
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[Page 1 of 2]

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DIVICION	<del>\ \ \ \</del>					mber (Optional)
•	CATION DECLARATIO				MAT-37	
applicant AF 3 F	ted in this reissue ap jamed inventor, I her and transact all busin	eby appoint the f	followir	no attorne	v(s) and/or a	gent(s) to prosecute
Name(s)		Registration Num				
Laurence F. As	herv	34	4,515			
Jacques L. Etko	wicz	4	1.738			
Correspondence	Address: Direct all com	munications about	the app	oli <del>cation</del> to		ustomer Number Bar
Customer Nu	mber					abel here
OR	Type Gu	stomer Number he	ire			
Firm of Individual Name	Ramer & Prestis					
Address	P.O. Box 980					
Address		•				<del></del>
City	Valley Forge			State	PA	ZIP 19482
Country	United States				7	<del></del>
Telephone	610-407-0700			Fax	610-407-07	
on information and knowledge that will or both, under 18 t	at all statemente made I belief are believed to I Iful false statements an J.S.C. 1001, and that s stent issuing thereon, o	be true; and turther nd the like so made uch willful false sta	r that th e are pu atement	ese staten nishable b is may jeol	nents were ma y fine and impr pardize the vali	de with the isonment,
Full name of sole o	first inventor (given na	ame, family name)		hi Imanal	Ka.	
Inventor's signature	, E	peichi	Q	mons	J-2	
Residence Hirak	aia, Japan	A STATE OF THE STA	Date		ober 18,	2000
Post Office Address	S 3-2-6, Kupuha Misaki, Hirak	313-1hi, Osaka 573,	Chiz	enship Ja	ряпеяе	
Full name of secon	d joint inventor (given r	ame, family name	)			
Inventor's signature			Date			
Residence			Citize	enship		
Post Office Addres	\$		ļ			
Full name of third jo	oint inventor (given nam	ne, family name)				
Inventor's signature			Date			•
Residence			Citize	enship		
Post Office Addres	5	•				

Additional joint inventors are named on separately numbered sheets attached hereto.

Eplease yee a plus sign (4) inside this box
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PTO/SB/07C (3-97)

Approved for use through 9/00/98. OMB 0651-0032

Palent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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OCT 2 3 2009

# DECLARATION

## **REGISTERED PRACTITIONER** INFORMATION (Supplemental Sheet)

PARADEM	DECLARATION		REGISTERED PRACTITIONE INFORMATION (Supplemental Sheet)		
THADEM	Name	Registration Number	Name	Registration Number	
the transport of the tr	Kevin R. Casey Benjamin E. Leace James C. Simmons Lawrence E. Ashery Christopher R. Lewis Robert L. Andersen Daniel N. Calder Louis W. Beardell, Jr. Jacques L. Etkowicz Jonathan H. Spadt Joshua L. Cohen Jack J. Jankovitz Christopher I. Halliday Allen Ratner Paul F. Prestia Andrew L. Ney Kenneth N. Nigon	32,117 33,412 24,842 34,515 36,201 25,771 27,424 40,506 41,738 45,122 38,040 42,690 42,621 19,717 23,031 20,300 31,549			
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# DIVISIONAL. REISSUE APPLICATION BY THE ASSIGNEE, OFFER TO SURRENDER PATENT

Docket Number (Optional)

MAT-3720US3

Name of Patentee(s):	
Ryoichi Iman	aka
Palent Number	Date Patent Issued
5,790,172	August 4, 1998
Title of Invention SERVER APPAR DEMAND SYST	ratus, subscriber apparatus and information on Em
Matsushita Electric Industrial Co.	<u>. Ltd.</u> is the assignee of the entire interest in the original patent.
A certificate under 37 CFR	d./3(b) is attached.
l am authorized to act on behalf (	of the assignee.
statements made on information an	made herein of my own knowledge are true and that all d belief are believed to be true; and further that these statements willful false statements and the like so made are punishable by
fine or imprisonment, or both, under	r 18 U.S.C. 1001 and that such willful false statements may ation, any patent (ssued thereon, or any patent to which this
fine or Imprisonment, or both, under jeopardize the validity of the applica declaration is directed.	
fine or Imprisonment, or both, under jeopardize the validity of the applicated declaration is directed.  Name of assignee  Matsushita Electric Industrial Co., L.	ation, any patent (ssued thereon, or any patent to which this
fine or Imprisonment, or both, under jeopardize the validity of the application is directed.  Name of assignee  Matsushita Electric Industrial Co., L.	ation, any patent issued thereon, or any patent to which this
fine or Imprisonment, or both, under jeopardize the validity of the applicated declaration is directed.  Name of assignee  Matsushita Electric Industrial Co., L. Signature of person signing for assignee.	otion, any patent issued thereon, or any patent to which this std.  Date October 18, 2000
fine or Imprisonment, or both, under jeopardize the validity of the application is directed.  Name of assignee  Matsushita Electric Industrial Co. L. Signature of person signing for assigned and title of person printed forms.	Date October 18, 2000
fine or imprisonment, or both, under jeopardize the validity of the applications.	otion, any patent issued thereon, or any patent to which this sid.  Date October 18, 2000
fine or Imprisonment, or both, under jeopardize the validity of the application is directed.  Name of assignee  Matsushita Electric Industrial Co. L. Signature of person signing for assigned and title of person printed forms.	Date October 18, 2000

individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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OCT 2 3 2000

'00年10月14日(木):9時05分 宛元:ラトナー

発症: 松 ト 技術情報サービス (氏)

PTO/38/52 (08-99) s Jurough 9/30/00. OMB 0651-0033 Patent and Trasemark Office; U.S. DEPARTMENT OF COMMENCE Region the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number. Docket Number (optional) DIVISIONAL REISSUE APPLICATION DECLARATION BY THE ASSIGNEE MAT-3720US3 I hereby declare that: My residence and post office address and citizenship are stated below next to my name. I am authorized to act on behalf of the following assignee: Matsushita Electric Industrial Co., Ltd. and the title of my position with said assignee is: \_ The entire title to the patent identified below is vested in said assignee. Name of Patentae(s): Ryoichi Imanaka Date of Patent Issued Palent Number 5,790,172

Title of Invention

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SERVER APPARATUS, SUBSCRIDER APPARATUS AND INFORMATION ON DEMAND SYSTEM

I believe said patentee(s) to be the original, first and sole/joint inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled SERVER APPARATUS. SUBSCRIBER APPARATUS AND INFORMATION ON DEMAND SYSTEM

the specification of which

is attached hereto. was filed on . August 3, 2000 as reissue application number and was amended on ... August 3, 2000

09/631,542

August 4, 1998

(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as

amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

by reason of a defective specification or drawing.

by reason of the patentee claiming more or less than he had the right to claim in the patent.

by reason of other errors.

At least one error upon which reissue is based is described as follows:

During the prosecution of the application that issued as the above patent, the inventor, Ryoichi Imanaka, did not recognize that the features disclosed at column 2, lines 53-63 and column 7, lines 20-35 were appropriate to claim. As such, Mr Imanaka did not claim all that he had a right to claim. This error was made without deceptive intent.

[Attach additional sheets, if needed.]

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant

[Page 1 of 2]

Burden Hour Statement. This form is estimated to take 0.5 hours to complete. Time will very depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Clost information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissioner for Materials, Washington, CC 10231.

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(REISSUE APPLICATION DECLARATION BY THE ASSIGNEE, page 2)					Ĺ	MAT-3720US3			
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City	Valley	Forge			State	PA		Zip	19482
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Dr. Osamu Yama	<u>azaki</u> , D	irector			Date	- 00	tober	· 18.	2000
Signature	<u>&gt;</u> _								
Address of Assig	gnee 10 Os	006, Oaza Kad saka 571 Jap	ioma, , Kadom	a-shi					
Patentee Ryc	nichi In				Citiz	zensh Jap	ip anese		
Residence/Post			lence: Hirakara	lapan	•				
Post Office Address									
Patentee					Citi	zensh	ip		
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Approved for use Tigh 0/10/08. QM8 0651-0032

Palent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a walled QMR country number.

DECLAR	: ATION	REGISTERED PRACTITIONER INFORMATION (Supplemental Sheet)		
Name	Name Registration Number		Registration Number	
Kevin R. Casey	32,117			
Benjamin E. Leace	33,412			
James C. Simmons	24,842			
Lawrence E. Ashery	34,515			
Christopher R. Lewis	36,201		1	
Robert L. Andersen	25,771			
Daniel N. Calder	27,424	•	1	
Louis W. Beardell, Jr.	40,506		•	
Jacques L. Etkowicz	41,738			
Jonethan H. Spadt	45,122		ŀ	
Joshua L. Cohen	38,040			
lack I Jankovitz	42,690			
Christopher I. Halliday	42,621			
Allan Ratner	19,717			
Paul F. Prestia	23,031			
Andrew L. Ney	20,300		ł	
Kenneth N. Nigon	31,549	•	ŀ	
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#### STATES PATENT AND TRADEM IN THE UNIT

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R. Imanaka Applicant:

: Art Unit:

Serial No.: Transmission 09/631,542

: Examiner:

Filed:

KOOCEOCKIX

August 3, 2000

FOR:

SERVER APPARATUS,

SUBSCRIBER APPARATUS AND

INFORMATION ON DEMAND SYSTEM

## CERTIFICATE UNDER 37 CFR 3.73 (b)

Assistant Commissioner for Patents Washington, D.C. 20231

SIR:

Matsushita Electric Industrial Co., Ltd., a Japanese Corporation certifics that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 7692, Frame 0439, for which a copy thereof is attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are helieved to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment. It both, under Section 1001, Title 18 the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date : October 18, 2000

:Dr. Osamu Yamazaki

Title :Director

Name

Signature :



33.



DARTMENT OF COMMERCE UNITED STATES Parent and Trademark Office ASSESTANT SECRETARY AND COMMISSIONER CF PLIENTS AND TRACEMARKS Washington, J.C. 20231

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JAMES C. SIMMONS RATMER & PRESTEA 2.0. BOX 980 500 N. GULPE ROAD VALLEY FORGE, PA 19482

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UNITED STATES PATENT AND TRADEMARK OFFICE MOTICE OF RECURDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND THANEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REFT, AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE WANTED APPEARS ON THIS NOTICE AT 703-309-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSTGNMENTS, NORTH TOWER BUILDING, SUITE 10035, WASHINGTON, D.C. 20231.

ľU RECORDATION DATE: 10/13/1995

REEL/FRAME: 7692/0439 NUMBER OF PAGES. 3

BRIDE: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DUCUMENT FOR DETAILS).

ð LASSIGNOR:

IMANAKA, RYGICHI

DCC DATE: 09/26/1995

ASSIGNES:

MATSUSHITA FIECTRIC INDUSTRIAL CO., LTD. 1006 OAZA KADOMA, KADOMA-SKI

OSAKA, JAPAN 571

SERIAL NUMBER: 08503604

PATENT NUMBER:

FTGING DATE: 07/18/1993

ISSUE DATE.

JOAMN STEWART, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS





No legalization required

OCT 2 3 2000

### <u>ASSIGNMENT</u>

WHEREAS, the ASSIGNOR, comprising the following named inventor(s)

## Tuncator(a)

SSIGNOR(s)/ NVENTOR(s) 1. Rynichi Imanaka

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has made an invention entitled:

SERVER APPARATUS, SUBSCRIBER APPARATUS AND INFORMATION ON DEMAND SYSTEM

and has executed an application for Detters Patent of the United States concurrently herewith;

WHEREAS, the ASSIGNEE

SEICNEE Still Name .Hd address) Matsushica Electric Industrial Co., Lcd.

1006, Oaza Kadoma, Kadoma-shi, Osaka, 57; Japan

is desirous of acquiring the entire interest in and to said invention and the Detters Patent to be obtained therefor,

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNOR of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged. ASSIGNOR, intending to be legally bound, hereby sells, assigns and transfers to ASSIGNEE, its successors and assigns the full and exclusive right, title and interest in and to said invention, all applications for matters Patent for said invention, including all divisions and continuations thereof, all rights to claim priority based thereon, and all matters farent, including reissues, to be obtained therefor, including any and all foreign potent rights in this invention corresponding thereto.

ASSIGNOR hereby warrance that no todignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

100年10月19日(木) 19時07分 宛完:ラトナー



ASSIGNCE Agrees it shall be legally bound, upon request of the ASSIGNEE or its successors or assigns of a legal representative thereof, to supply all information and avidence of which the ASSIGNCE has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the ASSIGNEE, and to execute all instruments proper to carry out the intent of this instruments.

If the invention requires a biological deposit, ASSIGNOR also grants to ASSIGNEE such control over any deposit made by ASSIGNOR as may be necessary to the validity of the patent rights assigned herein.

ASSIGNOR authorizes ASSIGNOR's attorney to insert at the end hareof the serial number and filling date of the aforesaid application for United States Letters Patont and/or the Attorney docker or fill designation for this application.

If the ASSIGNOR includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

IN WITHESS WHEREOF, this Assignment is executed on the day indicated below.

(Typed or Printed Name)

(Signacura)

(Date)

1. Ryoichi Imanaka

Durichi laconata Sent. 26, 1993

Application for United States Letters Patent Serial No. 08/503.601 Filed July 18. 1995.
Accorney Docket No. MAT. 3720.

[SIGNATURE .